

FIGURE 5

- Equally expressed in both tissues
- Expressed higher in stem than in leaf
- Expressed higher in leaf than in stem

FIGURE 6

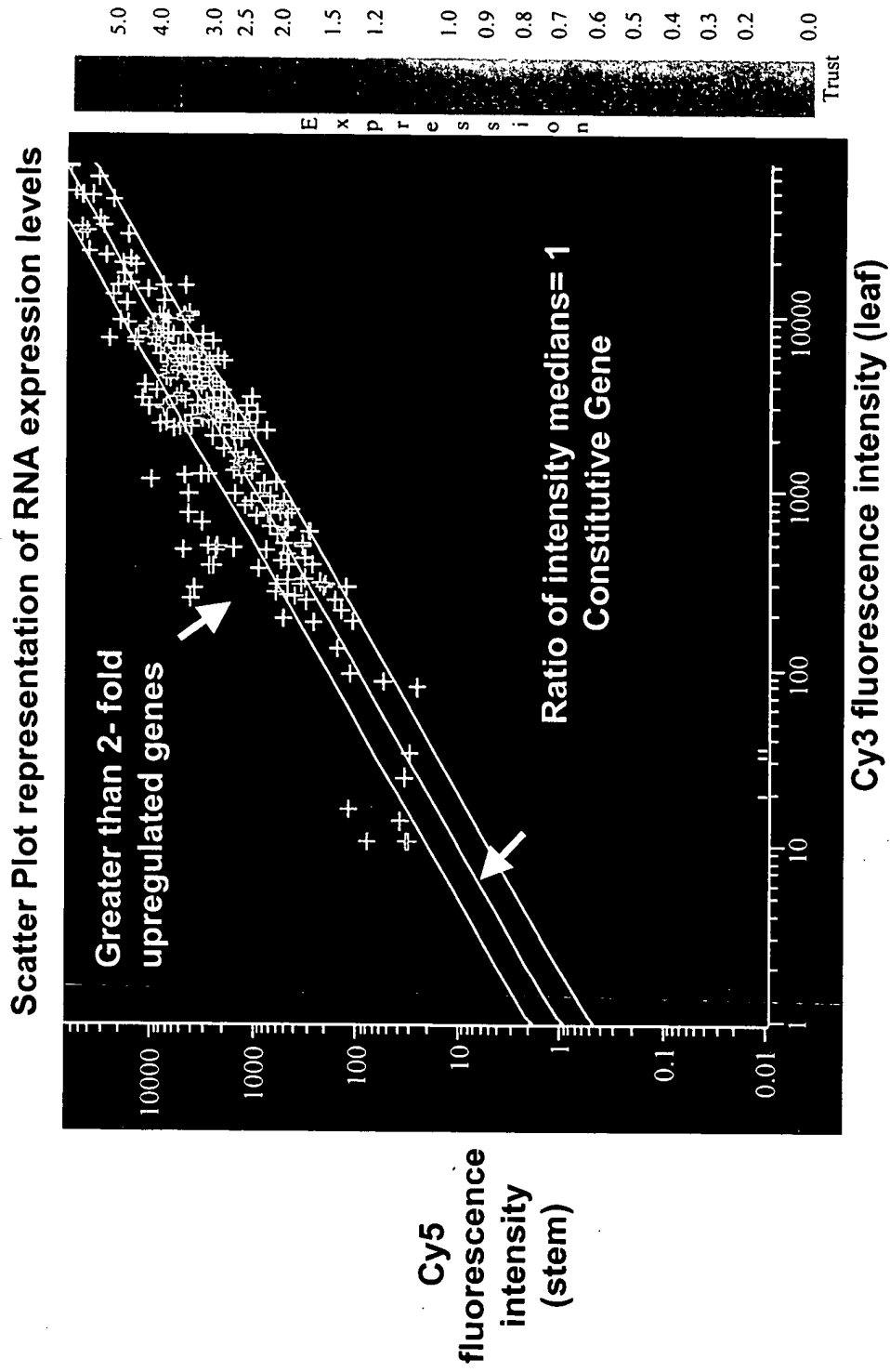


FIGURE 6

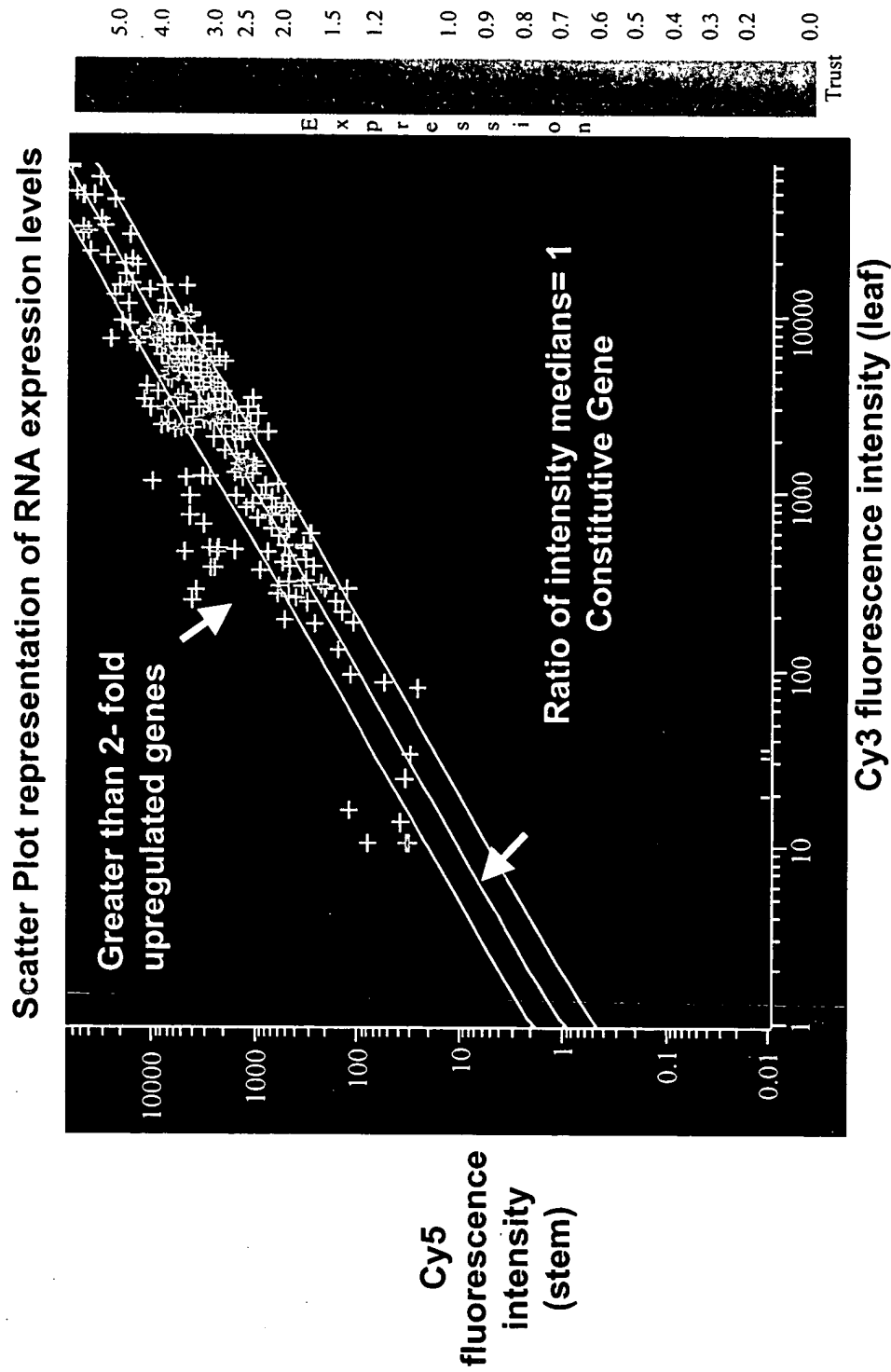


FIGURE 6

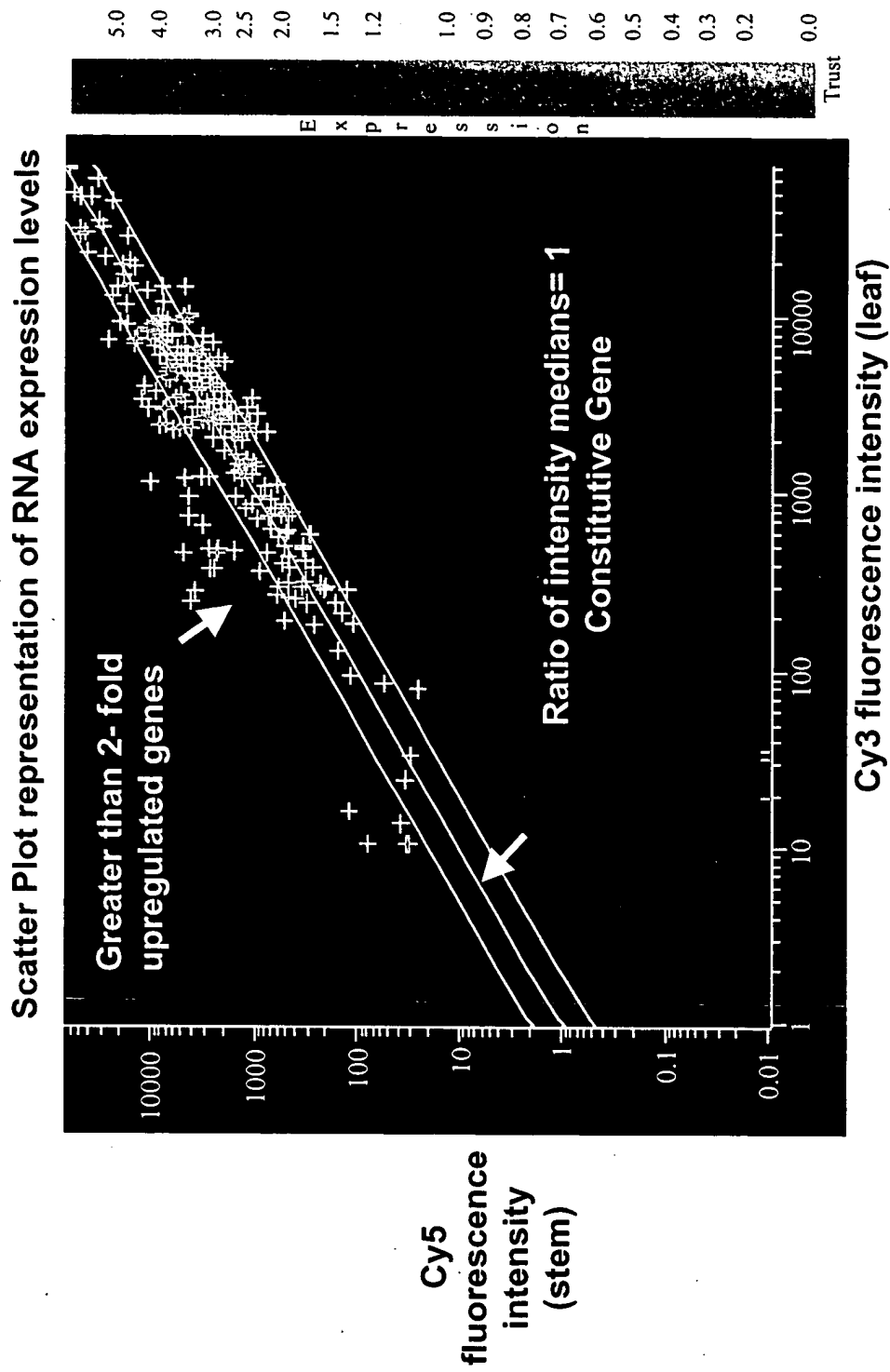
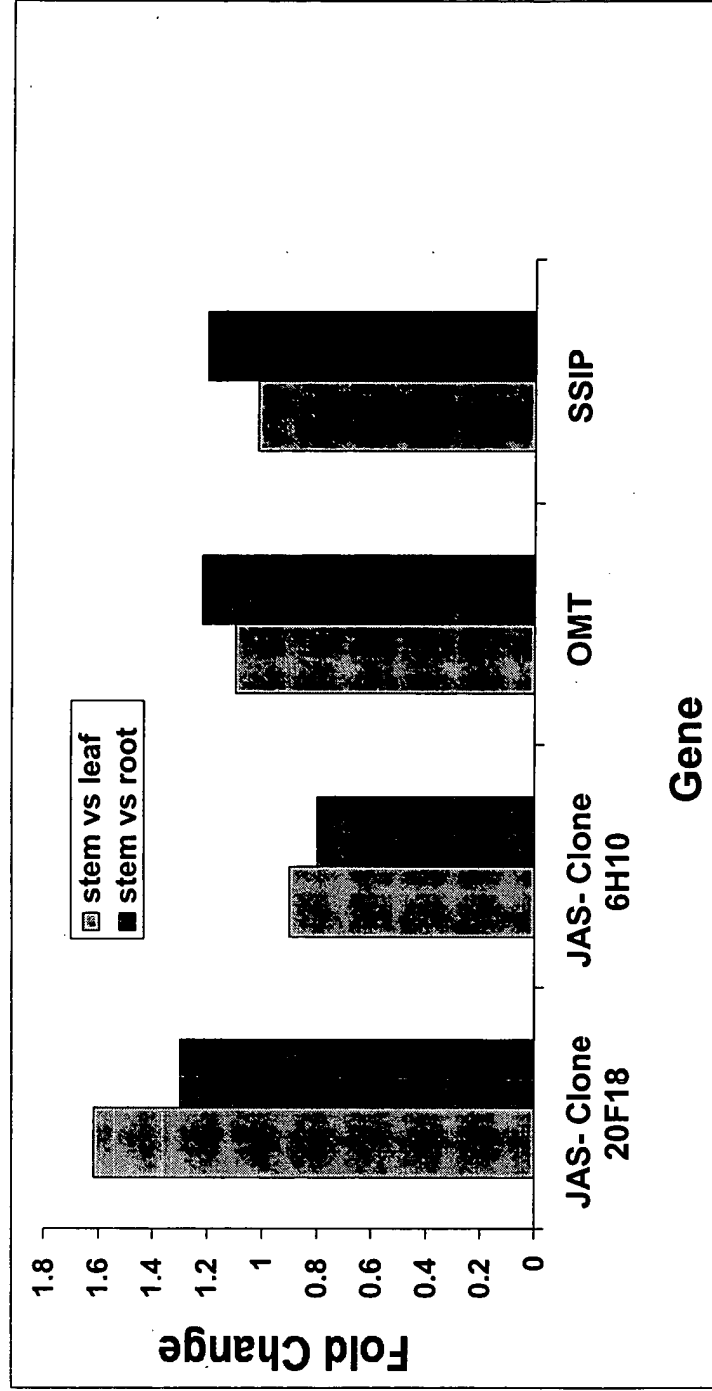


FIGURE 7



Real-time RT-PCR quantitations (Ct values)
are normalized to
the endogenous control ubiquitin (constitutive gene)

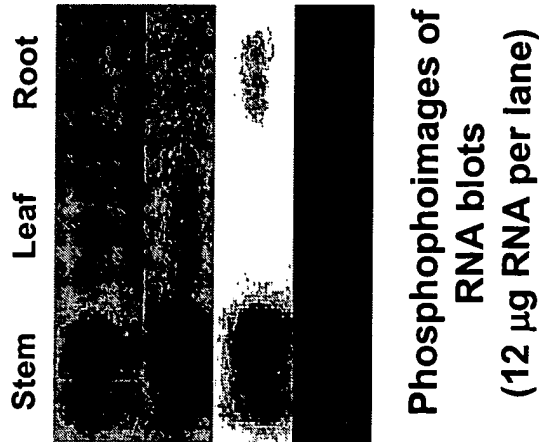
FIGURE 8

Jasmonate-induced protein (JAS)- Clone 20F18

O-methyl transferase (OMT)

Salt-stress induced protein (SSIP)

Ubiquitin
(constitutive gene)



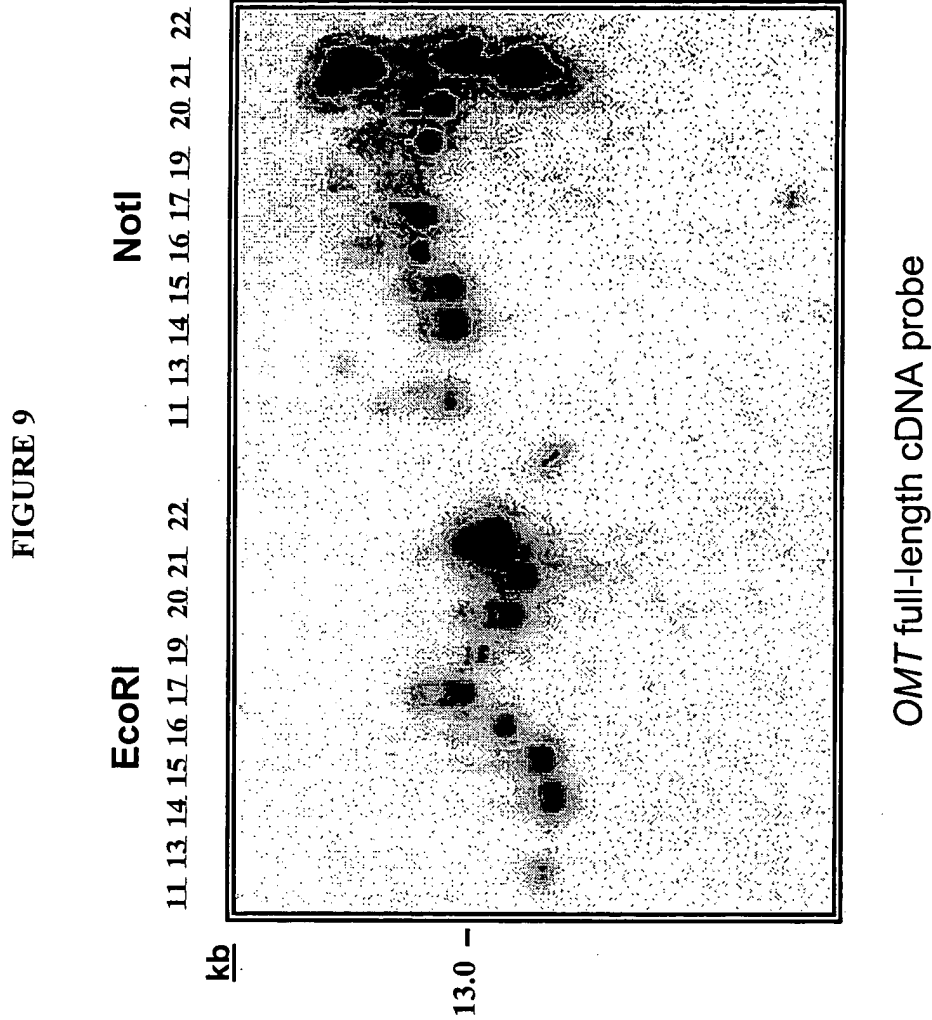
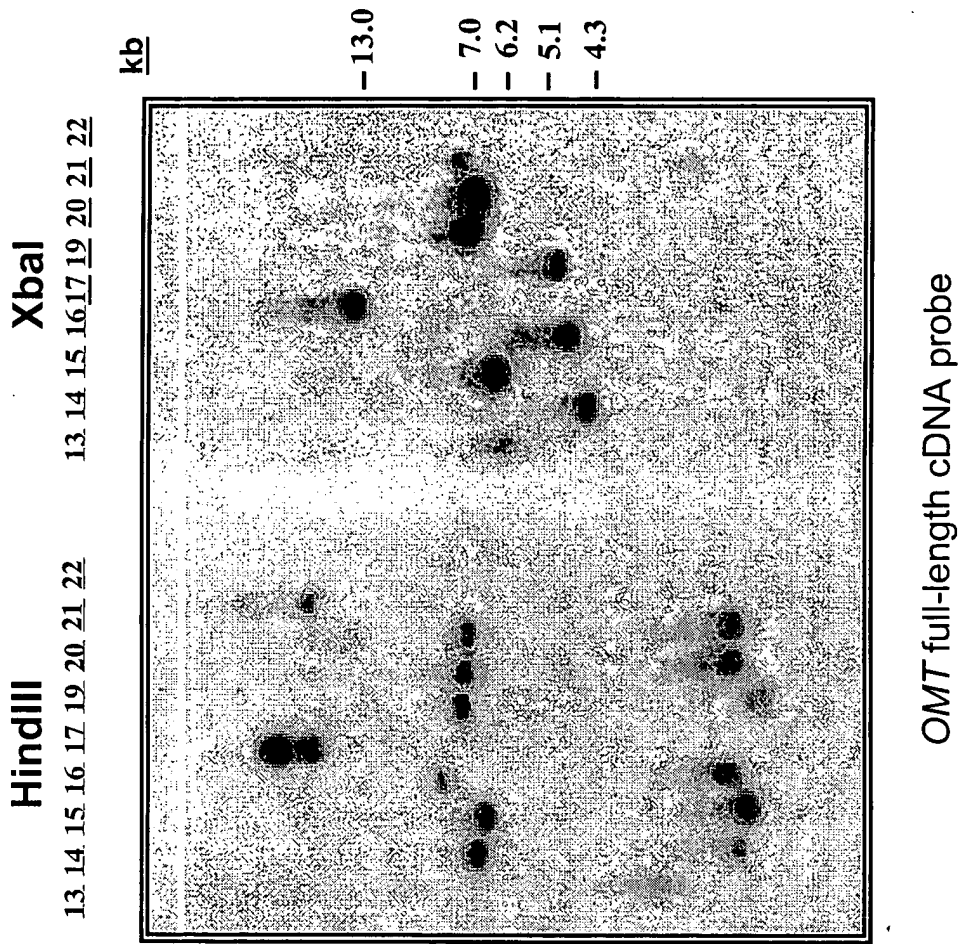


FIGURE 9
 (continued)



A



B

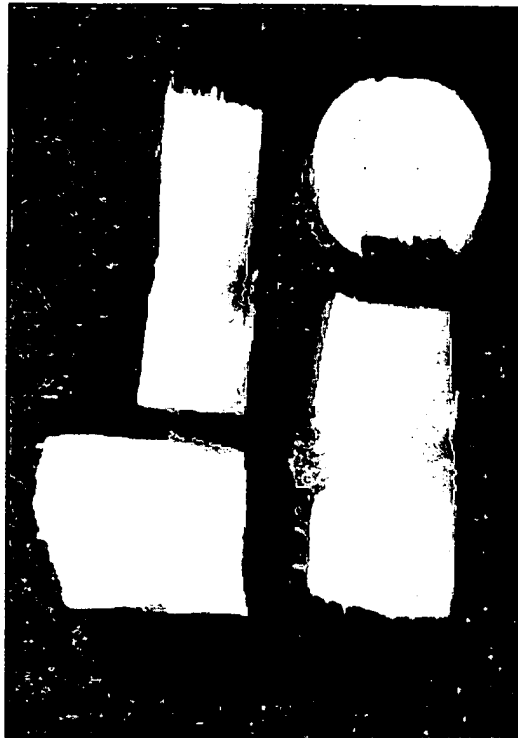
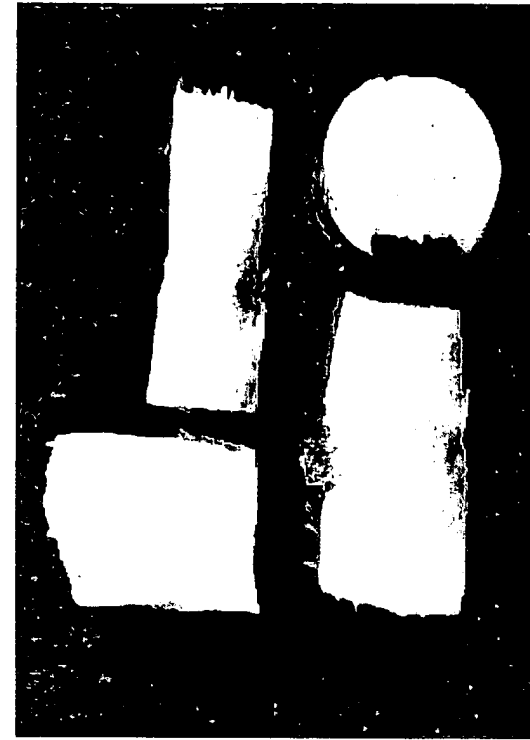
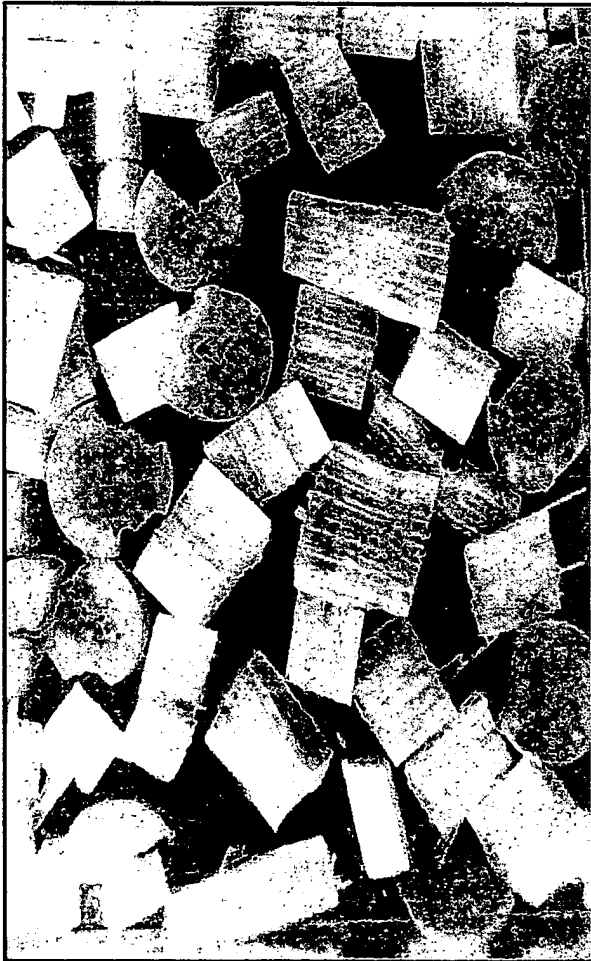


FIGURE 10



B



A

FIGURE 10

FIGURE 10

A



B

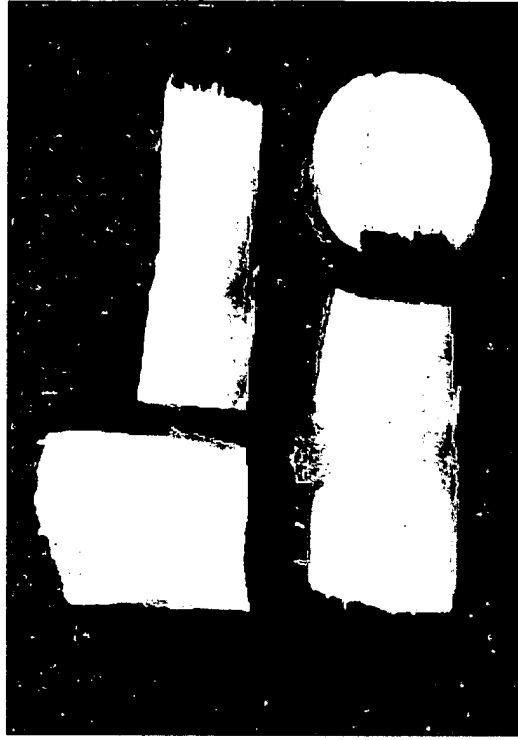
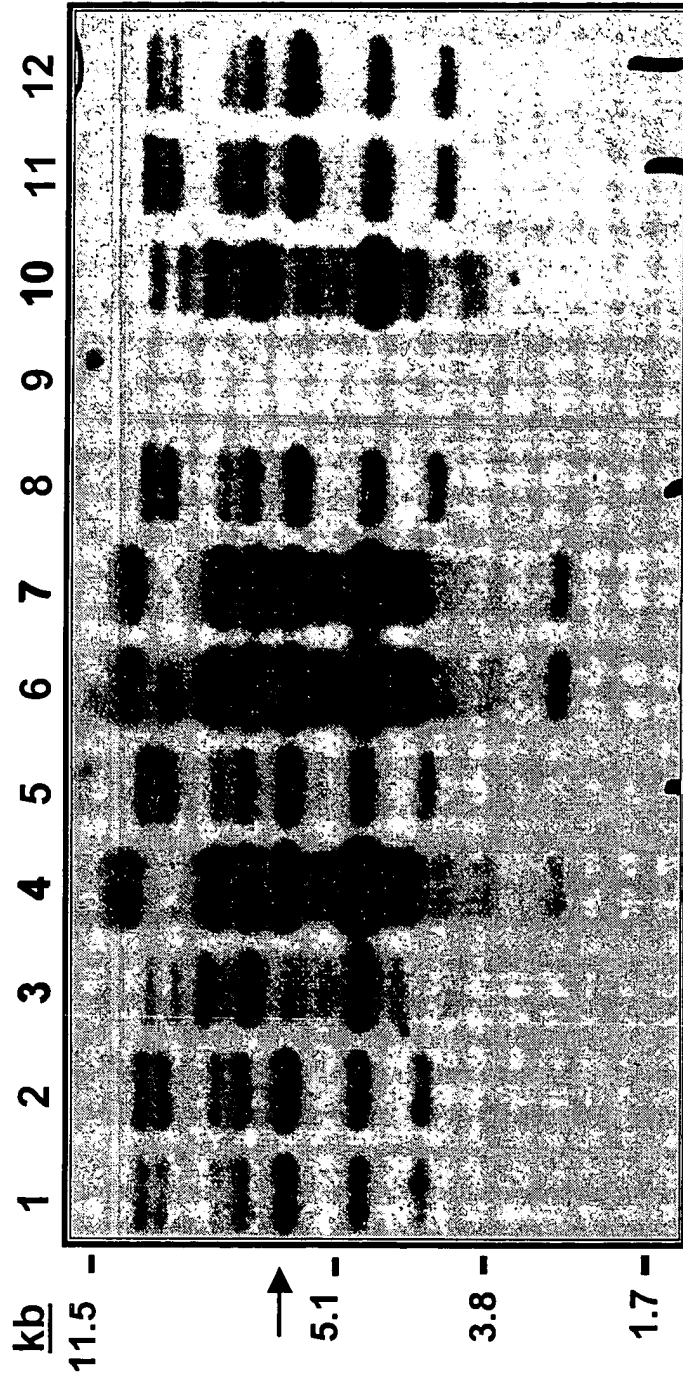


FIGURE 11



HindIII digested sugarcane genomic DNA hybridized with GUS gene probe.

Lanes 1, 2, 5, 8, 11 & 12: One positive transformation event;

Lanes 4, 6 & 7: Another positive event; Lanes 3 & 10: A negative event.

FIGURE 12



FIGURE 12



FIGURE 12

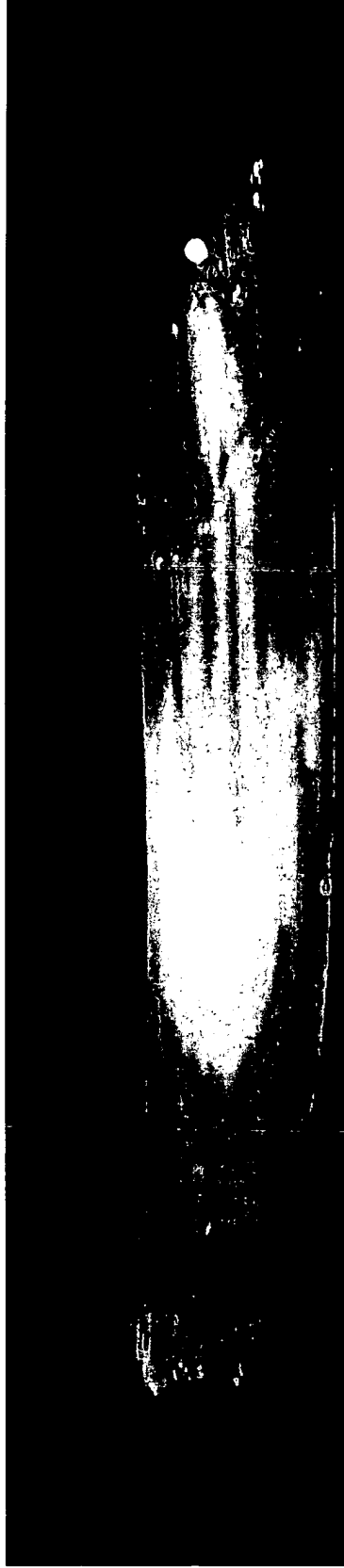
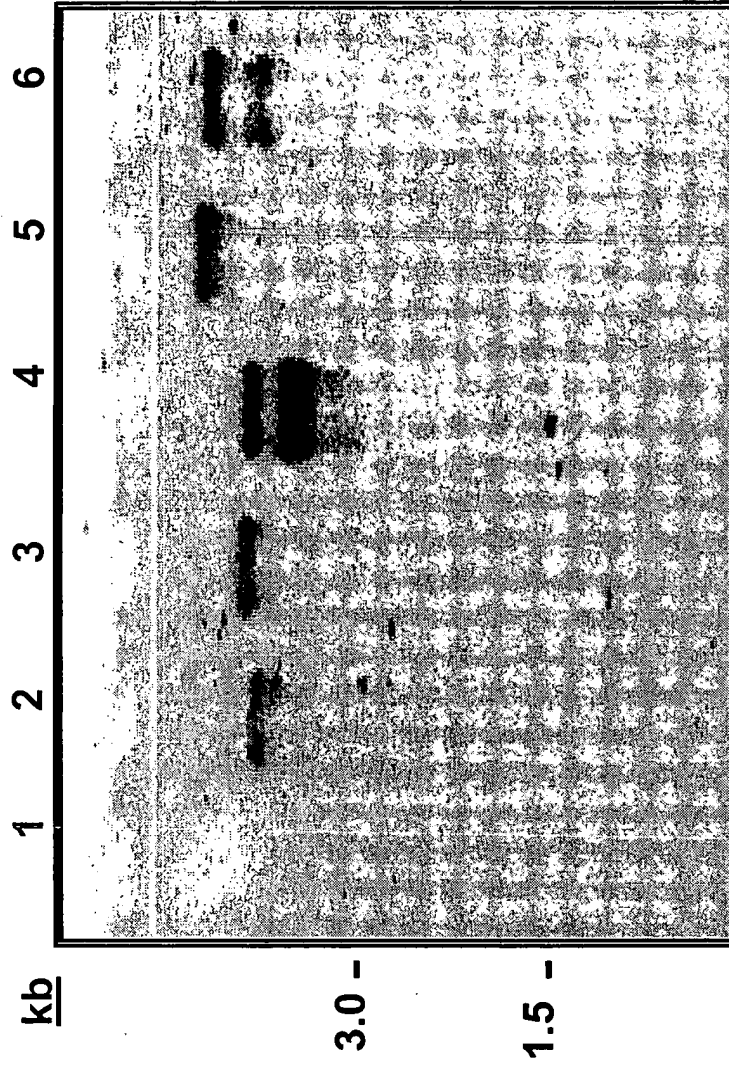


FIGURE 13



Phosphorimage of DNA gel Blot

HindIII digested rice genomic DNA hybridized to hygromycin gene probe.

Lane 1: Untransformed plant; Lanes 2, 3, 4 & 5: 3 independent

pOMT1::GUS lines; Lane 6: one *pOMT2::GUS* line.

FIGURE 14
sorghum (RPx430) and maize (B73) stem cells

